

Title (en)

SINGLE FASTENER BRAKE DISK INSERT RETAINER

Title (de)

BREMSSCHEIBENEINSATZHALTER MIT EINZELNEM BEFESTIGUNGSELEMENT

Title (fr)

DISPOSITIF DE FIXATION UNIQUE DE RETENUE DE PLAQUETTE DE DISQUE DE FREIN

Publication

EP 3168491 B1 20190626 (EN)

Application

EP 16198024 A 20161109

Priority

US 201514938277 A 20151111

Abstract (en)

[origin: EP3168491A1] System and methods for retaining a clip (114) to a rotor (102) are provided. A retaining system for radially retaining a clip (114) to a rotor (102) may include at least one fastener (106) configured to be at least partially positioned within an axial aperture (110) in a rotor (102); and a retainer (108,109) circumferentially surrounding a portion of the fastener (106) protruding axially from the axial aperture (110), the retainer (108,109) configured to engage a surface (218) of the clip (114) facing radially outward relative to the rotor (102) when the clip (114) is positioned against the rotor (102), wherein a perimetrical dimension of the retainer (108,109) is between 25% and 200% of a perimetrical length of the surface (218).

IPC 8 full level

F16D 65/12 (2006.01); **F16B 5/04** (2006.01); **F16B 43/00** (2006.01)

CPC (source: EP US)

F16D 65/12 (2013.01 - US); **F16D 65/123** (2013.01 - EP US); **F16B 5/04** (2013.01 - EP US); **F16B 43/00** (2013.01 - EP US); **F16D 65/125** (2013.01 - US); **F16D 65/126** (2013.01 - EP US); **F16D 2065/1308** (2013.01 - EP US); **F16D 2065/1348** (2013.01 - EP US); **F16D 2065/1372** (2013.01 - EP US); **F16D 2250/0084** (2013.01 - EP US)

Cited by

EP4290093A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3168491 A1 20170517; **EP 3168491 B1 20190626**; US 2017130791 A1 20170511; US 9976612 B2 20180522

DOCDB simple family (application)

EP 16198024 A 20161109; US 201514938277 A 20151111